

ZS 5745P/US

- 17 -

## Abstract:

Zoom lens

(Figure 1)

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A zoom lens comprises in a direction of light propagation a front lens group (G1) having positive refractive power, a variator lens group (G2) having negative refractive power, a compensator lens group (G3) having positive refractive power, and a base lens group (G4) having positive refractive power. The base lens group (G4) comprises a first base lens group (G4.1) and a second base lens group (G4.2). The front lens group (G1), the variator lens group (G2), the compensator lens group (G3) and the first base lens group (G4.1) are arranged along a common straight first optical axis (23). The second base lens group (G4.2) is arranged along a second optical axis (23') inclined with respect to the first optical axis (23) at a first angle  $\alpha$  different from  $0^\circ$  and  $180^\circ$ . A beam deflector (18) is arranged between the first base lens group (G4.1) and the second base lens group (G4.2).

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